

FORM PTO-1390 (Modified) (REV. 11-2000) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>18026</b>
'TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR <b>10/502513</b>
INTERNATIONAL APPLICATION NO. <b>PCT/JP03/00668</b>	INTERNATIONAL FILING DATE <b>24 January 2003 (24.01.2003)</b>	PRIORITY DATE CLAIMED <b>25 January 2002 (25.01.2002) *</b>
TITLE OF INVENTION <b>NUCLEIC ACID INFORMATION DETECTION METHOD AND APPARATUS</b>		
APPLICANT(S) FOR DO/EO/US <b>Hisashi Koike; Tomonori Nagaoka; Takatomo Satoh; Yoshioki Kaneko; Midori Hatanaka; Morinao Fukuoka; Hiroko Sakamoto; Hiroyuki Yonekawa</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>		
Items 13 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>19. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <u>EL871025149US</u></li> <li>23. <input checked="" type="checkbox"/> Other items or information:</li> </ol>		
<p>*Continuation of Priority Date Claimed: 27 August 2002 (27.08.2002)</p> <p>Assignee: OLYMPUS CORPORATION of TOKYO, JAPAN</p> <p>Thirteen (13) Sheets of Drawings</p> <p>Sixteen (16) Sheets of Sequence Listing and Statement Under 37 C.F.R. 1.821(f)</p>		

U.S. APPLICATION NO. (IF KNOWN SEE 37 CFR <b>107502513</b>	INTERNATIONAL APPLICATION NO. PCT/JP03/00668	ATTORNEY'S DOCKET NUMBER 18026		
24. The following fees are submitted:		<b>CALCULATIONS PTO USE ONLY</b>		
<b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b>				
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00				
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>\$920.00</b>		
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).		□ 20    □ 30 <b>\$0.00</b>		
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	
Total claims	* 53 - 20 =	33	x \$18.00	<b>\$594.00</b>
Independent claims	* 3 - 3 =	0	x \$86.00	<b>\$0.00</b>
Multiple Dependent Claims (check if applicable).		<input checked="" type="checkbox"/>		<b>\$290.00</b>
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1,804.00</b>		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		<b>\$0.00</b>		
<b>SUBTOTAL =</b>		<b>\$1,804.00</b>		
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).		□ 20    □ 30    +	<b>\$0.00</b>	
<b>TOTAL NATIONAL FEE =</b>		<b>\$1,804.00</b>		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).		<input type="checkbox"/>	<b>\$0.00</b>	
<b>TOTAL FEES ENCLOSED =</b>		<b>\$1,804.00</b>		
<i>*Claim count based on Preliminary Amendment filed concurrently herewith*</i>		<b>Amount to be:</b> <input type="checkbox"/> <b>refunded</b> <input type="checkbox"/> <b>charged</b>	<b>\$</b> <b>\$</b>	
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,804.00</u> to cover the above fees is enclosed.				
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.				
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-1013/SSMP</u>				
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>				
SEND ALL CORRESPONDENCE TO:				
Thomas Spinelli Registration No.: 39,533				
Scully, Scott, Murphy & Presser 400 Garden City Plaza Garden City, NY 1530 (516) 742-4343				
CORRESPONDENCE ADDRESS CUSTOMER NUMBER: 23389				
 SIGNATURE Thomas Spinelli NAME 39,533 REGISTRATION NUMBER July 23, 2004 DATE				

10/502513

DT12 Rec'd PCT/PTO 23 JUL 2004

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Hisashi Koike, et al.

Docket No.

18026

Application No.  
To be assignedFiling Date  
HerewithExaminer  
UnassignedCustomer No.  
23389Group Art Unit  
Unassigned

Invention: NUCLEIC ACID INFORMATION DETECTION METHOD AND APPARATUS

I hereby certify that the following correspondence:

**NEW U.S. APPLICATION UNDER 35 U.S.C. 371**

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

July 23, 2004

(Date)

**Thomas Spinelli**

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

**EL871025149US**

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.